

# Converting Colors

XYZ(54.4275, 55.1963, 61.2096)

Have a look what the booklet for  
XYZ(54.4275, 55.1963, 61.2096)  
contains.

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# **Color**

**XYZ(54.4398, 55.1963,  
61.2107)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CDC1C6
RGB	205, 193, 198
RGB Percent	80%, 76%, 78%
CMY	0.1961, 0.2431, 0.2235
CMYK	0.00, 0.06, 0.03, 0.20
HSL	335°, 11%, 78%
HSV	335°, 6%, 80%
XYZ	54.4398, 55.1963, 61.2107
YIQ	197.1580, 5.5470, 4.0990

# Conversions

## Conversions Part 2

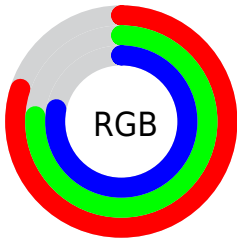
Format	Color
R <sub>Y</sub> B	205, 193, 198
Decimal	13484486
CIE Lab	79.15, 5.09, -1.01
CIE LCh	79, 5.188, 348.829
Yxy	55.1963, 0.3186, 0.3231
Android (android.graphics.Color)	4291674566 (0xFFCDC1C6)
YUV	197.1580, 0.4151, 6.8774
Hunter-Lab	74.2942, 0.7827, 3.1572

# Details

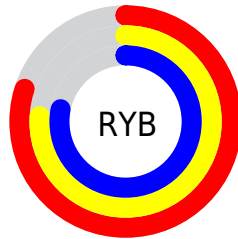
The XYZ color **54.4398, 55.1963, 61.2107** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.2510, 59.1716, 63.2084**, and the grayscale version is **53.1629, 55.9315, 60.9094**.

A 20% lighter version of the original color is **93.1657, 96.2314, 108.2719**, and **27.1746, 27.3491, 30.2322** is the 20% darker color. If you saturate the color by 10%, you get **48.8930, 46.2237, 52.8214**, and if you desaturate by 10%, it is **60.7269, 65.4736, 70.3857**.

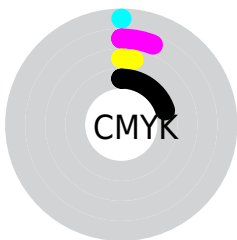
# Distribution



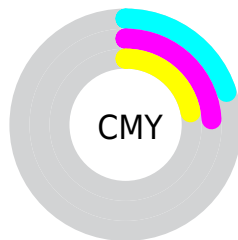
- Red (80%)
- Green (76%)
- Blue (78%)



- Red (80%)
- Yellow (76%)
- Blue (78%)



- Cyan (0%)
- Magenta (6%)
- Yellow (3%)
- Black (20%)



- Cyan (20%)
- Magenta (24%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 54.4398, 55.1963, 61.2107 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 54.4398, 55.1963, 61.2107 by changing the saturation by 10% instead.



■ 54.4398, 55.1963,  
61.2107

■ 54.4398, 55.1963,  
61.2107

393.9559,  
406.6556, 446.9741

■ 39.1855, 39.5589,  
43.9636

■ 95.8728, 97.8285,  
108.1445

■ 27.0854, 27.1948,  
30.3049

122.7822,  
125.5921, 138.6682

■ 17.7743, 17.7196,  
19.8161

154.3073,  
158.1666, 174.4545

■ 10.8868, 10.7488,  
12.0787

190.8134,  
195.9363, 215.9219

■ 6.0575, 5.8982,  
6.6741

232.6660,  
239.2857, 263.4891

■ 2.9211, 2.7833,  
3.1838

280.2304,

■ 1.1122, 1.0197,

288.5991, 317.5745

1.1892

333.8719,  
344.2609, 378.5966

■ 0.0352, 0.0000,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 54.4398, 55.1963,  
61.2107

■ 54.4398, 55.1963,  
61.2107

■ 48.8930, 46.2237,  
52.8214

■ 60.7269, 65.4736,  
70.3857

■ 44.0537, 38.4963,  
45.1926

■ 67.7762, 77.0978,  
80.3638

■ 39.8932, 31.9605,  
38.3027

■ 75.6145, 90.1181,  
91.1660

■ 36.3795, 26.5561,  
32.1275

■ 77.5485, 91.1438,  
100.5725

■ 33.4773, 22.2175,  
26.6416

■ 78.9871, 91.7193,  
108.1483

■ 31.1483, 18.8724,  
21.8175

■ 29.3492, 16.4393,  
17.6259

■ 28.0301, 14.8236,  
14.0340

■ 27.1296, 13.9079,  
11.0044

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



53.9753, 55.1963, 63.9313



54.4398, 55.1963, 61.2107



54.3693, 55.1963, 58.2780

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



54.4398, 55.1963, 61.2107



51.8225, 55.1963, 54.8630



51.1628, 55.1963, 64.4941

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



54.4398, 55.1963, 61.2107



54.2510, 59.1716, 63.2084

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



50.6007, 55.1963, 61.9584



54.4398, 55.1963, 61.2107



50.9781, 55.1963, 56.4237

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



54.4398, 55.1963, 61.2107



52.8490, 55.1963, 54.6778



50.5335, 55.1963, 59.0016



52.0777, 55.1963, 65.8681



# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



54.4398, 55.1963, 61.2107



54.0286, 55.1963, 56.5950



50.5335, 55.1963, 59.0016



50.9268, 55.1963, 63.7455

# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



54.4414, 55.1987, 61.2119



92.9691, 96.5989, 105.8610



53.9108, 54.8297, 65.5000



19.9210, 20.7118, 22.6906



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



54.4414, 55.1987, 61.2119



87.9857, 88.4825, 98.4954



54.0961, 55.4154, 58.3001



11.6368, 11.6693, 13.0068



16.7488, 8.5101, 6.3956



0.9016, 0.4540, 0.5276



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



54.4414, 55.1987, 61.2119



87.9857, 88.4825, 98.4954



54.6063, 58.9323, 66.2552



11.6368, 11.6693, 13.0068



16.7488, 8.5101, 6.3956



0.9016, 0.4540, 0.5276



# Previews

## White Background



This preview shows how the XYZ color 54.4398, 55.1963, 61.2107 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

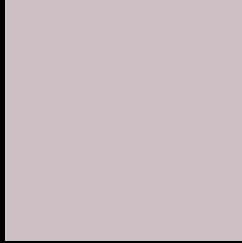
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 54.4398, 55.1963, 61.2107 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

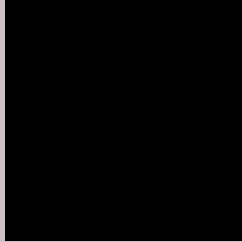
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 54.4398, 55.1963, 61.2107**

## **Background**



This preview shows how black text looks on a background with the XYZ color 54.4398, 55.1963, 61.2107.



This preview shows how white text looks on a background with the XYZ color 54.4398, 55.1963,



# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

54.4398, 55.1963, 61.2107

### Protanopia

53.3771, 55.2958, 61.8927

### Deuteranopia

56.4538, 55.2466, 61.7210



## Tritanopia

55.5657, 55.3261, 66.7819

# Trichromacy



## Original Color

54.4398, 55.1963, 61.2107

## Protanomaly

53.6880, 55.1246, 61.8433

## Deuteranomaly

55.8036, 55.2340, 61.7529

## Tritanomaly

55.2023, 55.1807, 64.8682

# Monochromacy



## Original Color

54.4398, 55.1963, 61.2107

## Achromatopsia

53.0703, 55.8340, 60.8033

## Achromatomaly

53.6374, 55.7904, 60.7650

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 54.4398, 55.1963, 61.2107 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(205, 193, 198)` looks like.

```
.text, #text, p{  
    color:rgb(205, 193, 198)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(205, 193, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 193, 198) }
```

## Border

The CSS property to change the border of an element to XYZ 54.4398, 55.1963, 61.2107 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

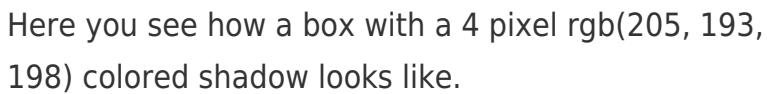
```
.border, #border, table{ border:4px solid rgb(205, 193, 198) }
```



If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(205, 193, 198) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `rgb(205, 193, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(205, 193, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(205, 193, 198); box-shadow:4px 4px 4px 4px rgb(205, 193, 198) }
```

# Background

The CSS property to change the background color of an element to XYZ 54.4398, 55.1963, 61.2107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 193, 198) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(205,  
193, 198) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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